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US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE **Application Number** 09/945,535 STATEMENT BY APPLICANT (Use of Pan Cheets Boocessary) **Filing Date** August 30, 2001 Ahn, Kie **First Named Inventor** OCT 2 6 2005 **Group Art Unit** 2813 **Examiner Name** Blum, David Attorney Docket No: 1303.026US1

US PATENT DOCUMENTS					
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate	
DS-	US-2002/0142536-A1	10/03/2002	Zhang, F., et al.	04/22/2002	
~	US-2004/0075111-A1	04/22/2004	Chidambarrao, D., et al.	10/10/2003	
	US-2004/0156578-A1	08/12/2004	Geusic, Joseph, et al.	02/05/2004	
	US-2004/0159863-A1	08/19/2004	Eldridge, Jerome M., et al.	02/18/2004	
	US-2004/0164365-A1	08/26/2004	Ahn, Kie Y., et al.	02/27/2004	
	US-2004/0219783-A1	11/04/2004	Ahn, Kie Y., et al.	05/25/2004	
	US-2004/0233010-A1	11/25/2004	Akram, Salman, et al.	05/22/2003	
	US-2004/0264236-A1	12/30/2004	Chae, S., et al.	04/30/2004	
	US-2005/0023574-A1	02/03/2005	Forbes, L., et al.	09/02/2004	
	US-2005/0023595-A1	02/03/2005	Forbes, L., et al.	08/31/2004	
	US-2005/0023602-A1	02/03/2005	Forbes, L., et al.	08/30/2004	
	US-2005/0023603-A1	02/03/2005	Eldridge, J. M., et al.	08/30/2004	
	US-2005/0024092-A1	02/03/2005	Forbes, L.	08/31/2004	
	US-2005/0026349-A1	02/03/2005	Forbes, L., et al.	09/01/2004	
	US-2005/0026360-A1	02/03/2005	Geusic, J E., et al.	07/30/2004	
	US-2005/0030825-A1	02/10/2005	Ahn, K. Y.	08/31/2004	
	US-2005/0032342-A1	02/10/2005	Forbes, L., et al.	08/30/2004	
	US-2005/0138262-A1	06/23/2005	Forbes, Leonard	12/18/2003	
	US-2005/0140462-A1	06/30/2005	Akram, S., et al.	02/22/2005	
	US-2005/0145957-A1	07/07/2005	Ahn, K. Y., et al.	02/16/2005	
	US-2005/0158973-A1	07/21/2005	Ahn, K. Y., et al.	01/14/2005	
	US-2005/0164521-A1	07/28/2005	Ahn, Kie Y., et al.	03/21/2005	
	US-5,049,516	09/17/1991	Arima, H.	12/15/1989	
	US-5,426,603	06/20/1995	Nakamura, Masayuki , et al.	01/25/1994	
	US-5,981,350	11/09/1999	Geusic, Joseph E., et al.	05/29/1998	
	US-6,025,225	02/15/2000	Forbes, Leonard, et al.	01/22/1998	
	US-6,090,636	07/18/2000	Geusic, Joseph E., et al.	02/26/1998	
	US-6,134,175	10/17/2000	Forbes, Leonard, et al.	08/04/1998	
	US-6,150,188	11/21/2000	Geusic, Joseph E., et al.	02/26/1998	
	US-6,191,448	02/20/2001	Forbes, Leonard, et al.	03/07/2000	
	US-6,198,168	03/06/2001	Geusic, J. E., et al.	01/20/1998	
	US-6,317,357	11/13/2001	Forbes, Leonard	05/08/1999	
	US-6,381,168	04/30/2002	Forbes, Leonard	02/04/2000	
	US-6,399,979	06/04/2002	Noble, Wendell P., et al.	06/16/2000	
	US-6,418,050	07/09/2002	Forbes, Leonard	07/27/2001	
	US-6,429,065	08/06/2002	Forbes, Leonard	07/27/2001	
	US-6,434,041	08/13/2002	Forbes, Leonard, et al.	07/27/2001	
	US-6,454,912	09/24/2002	Ahn, Kie Y., et al.	03/15/2001	
	US-6,465,298	10/15/2002	Forbes, Leonard , et al.	02/22/2000	
¥	US-6,476,434	11/05/2002	Noble, Wendell P., et al.	05/16/2000	

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DATE CONSIDERED

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PTO/SB/084(10-01)
Approved for use through 10/31/2002, OMB 651-0031
US Patent & Tradement Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO	Under the Peperwork Reduction Act of 1995, no persons are Complete If Known	required to respond to a collection of information urfess it contains a valid CMB control number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	09/945,535	
(Use as many sheets as necessary)	Filing Date	August 30, 2001	
OIPE 40	First Named Inventor	Ahn, Kie	
1	Group Art Unit	2813	
OCT 2 6 2005 (2)	Examiner Name	Blum, David	
Spect 2 of 2 of 2	Attorney Docket No: 1303.026US1		

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US PATENT DOCUMENTS					
Examiner initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate	
0-	US-6,486,027	11/26/2002	Noble, Wendell P., et al.	03/08/2000	
	US-6,486,703	11/26/2002	Noble, Wendell P., et al.	01/08/2001	
	US-6,492,233	12/10/2002	Forbes, Leonard, et al.	02/20/2001	
	US-6,498,065	12/24/2002	Forbes, Leonard, et al.	08/30/2000	
	US-6,515,510	02/04/2003	Noble, Wendell P., et al.	01/08/2001	
	US-6,518,615	02/11/2003	Geusic, Joseph E., et al.	08/20/1998	
T	US-6,526,191	02/25/2003	Geusic, Joseph E., et al.	08/21/2000	
	US-6,538,330	03/25/2003	Forbes, Leonard	03/23/2000	
	US-6,590,252	07/08/2003	Kutsunai, T., et al.	08/06/2001	
	US-6,597,037	07/22/2003	Forbes, Leonard, et al.	09/26/2000	
	US-6,689,660	02/10/2004	Noble, Wendell P., et al.	03/17/2000	
	US-6,709,978	03/23/2004	Geusic, Joseph E., et al.	03/06/2001	
	US-6,723,577	04/20/2004	Geusic, Joseph E., et al.	08/30/2000	
	US-6,754,108	06/22/2004	Forbes, L.	08/30/2001	
	US-6,756,298	06/29/2004	Ahn, Kie Y., et al.	08/01/2002	
	US-6,764,901	07/20/2004	Noble, Wendell P.	04/17/2000	
	US-6,777,715	08/17/2004	Geusic, Joseph E., et al.	07/18/2000	
	US-6,778,441	08/17/2004	Forbes, L., et al.	08/30/2001	
	US-6,787,370	09/07/2004	Forbes, Leonard	12/16/2002	
	US-6,804,136	10/12/2004	Forbes, Leonard	06/21/2002	
	US-6,812,513	11/02/2004	Geusic, J. E., et al.	02/03/2003	
	US-6,812,516	11/02/2004	Noble, Jr., W., et al.	08/28/2002	
	US-6,818,937	11/16/2004	Noble, W., et al.	06/04/2002	
	US-6,858,120	02/22/2005	Ahn, Kie, et al.	08/09/2002	
	US-6,858,444	02/22/2005	Ahn, K. Y., et al.	06/20/2003	
	US-6,888,739	05/03/2005	Forbes, L.	06/21/2002	
	US-6,914,800	07/05/2005	Ahn, K. Y., et al.	08/31/2004	
	US-6,919,266	07/19/2005	Ahn, Kie Y., et al.	07/24/2001	
	US-6,921,702	07/26/2005	Ahn, K. Y., et al.	07/30/2002	
7	US-6,930,059	08/16/2005	Conley, Jr., J. F., et al.	02/27/2003	
-,\ /	US-6,930,346	08/16/2005	Ahn, K. Y., et al.	08/31/2004	
V	US-6,958,302	10/25/2005	Ahn, K. Y., et al.	12/04/2002	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
115		"Praseodymium Oxide, Pr2O3 For Optical Coating", <u>Technical Publication by CERAC about Praseodymium Oxide</u> , http://www.cerac.com/pubs/proddata/pr2o3.htm, (Sep. 21, 2005), 1-2	

EXAMINER DS	DATE CONSIDERED	5/15/04
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PTO/SB/084(10-01)
Approved for use through 10/31/2002, OMB 651-0031
Patient & Trademark Office: U.S., DEPARTMENT OF COLMERCE

Substitute for form 1449A/PTO	Complete if Known	required to respond to a codection of promission unless it contains a visit OMB control number
INFORMATION DISCLOSURE	Application Number	09/945,535
STATEMENT BY APPLICANT  N. S. e. S. many appeals as necessary)	Filing Date	August 30, 2001
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HEB O & JOHN BY	Group Art Unit	2813
The state of the s	Examiner Name	Blum, David
THE DELIBERT	Attorney Docket No: 1	303.026US1

		US PAT	ENT DOCUMENTS	
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
05	US-20020001971A1	01/03/2002	Cho, H.	06/27/2001
	US-20030003635A1	01/02/2003	Paranjpe, A. P., et al.	05/23/2001
	US-20030181060A1	09/25/2003	Asai, M., et al.	02/25/2003
	US-20040161899A1	08/19/2004	Luo, T. Y., et al.	02/14/2003
	US-20050227442A1	10/13/2005	Ahn, K. Y., et al.	06/09/2005
	US-20050277256A1	12/15/2005	Ahn, K. Y., et al.	07/11/2005
	US-20050280067A1	12/22/2005	Ahn, K. Y., et al.	08/26/2005
	US-20060001151A1	01/05/2006	Ahn, K. Y., et al.	08/26/2005
	US-20060003517A1	01/05/2006	Ahn, K. Y., et al.	08/29/2005
	US-6,404,027	06/11/2002	Hong, Minghwei, et al.	02/07/2000
	US-6,441,417	08/27/2002	Zhang, Fengyan , et al.	03/28/2001
1	US-6,444,592	09/03/2002	Ballantine, A. W., et al.	06/20/2000
V	US-6,979,855	12/27/2005	Ahn, K. Y., et al.	01/27/2004

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>		
p	EP-1122795A2	08/08/2001	Hong, M., et al.			

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Da		IWAMOTO, K., et al., "Advanced Layer-By-Layer Deposition and Annealing Process For High-Quality High-K Dielectrics Formation", Electrochemical Society Proceedings Vol. 2003 (14), (2003),265-272	
K		NAKAJIMA, et al., "Atomic-layer-deposited silicon-nitride/SiO2 stacked gate dielectrics for highly reliable p-metal-oxide-semiconductor filed-effect transistors", Applied Physics Letters, Vol. 77, (October 2000),2855-2857	

EXAMINER	25-	DATE CONSIDERED	5/15/06